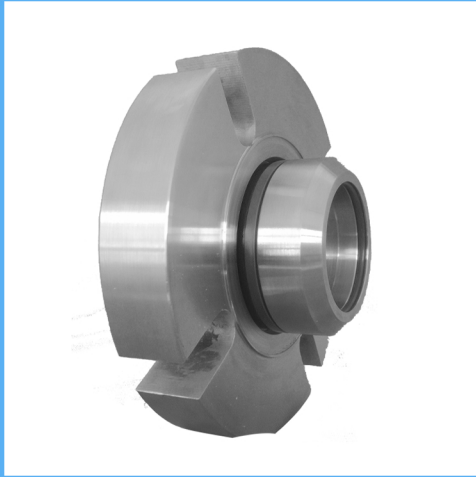


ROCART-SE/SO/QE

Cartridge Seals

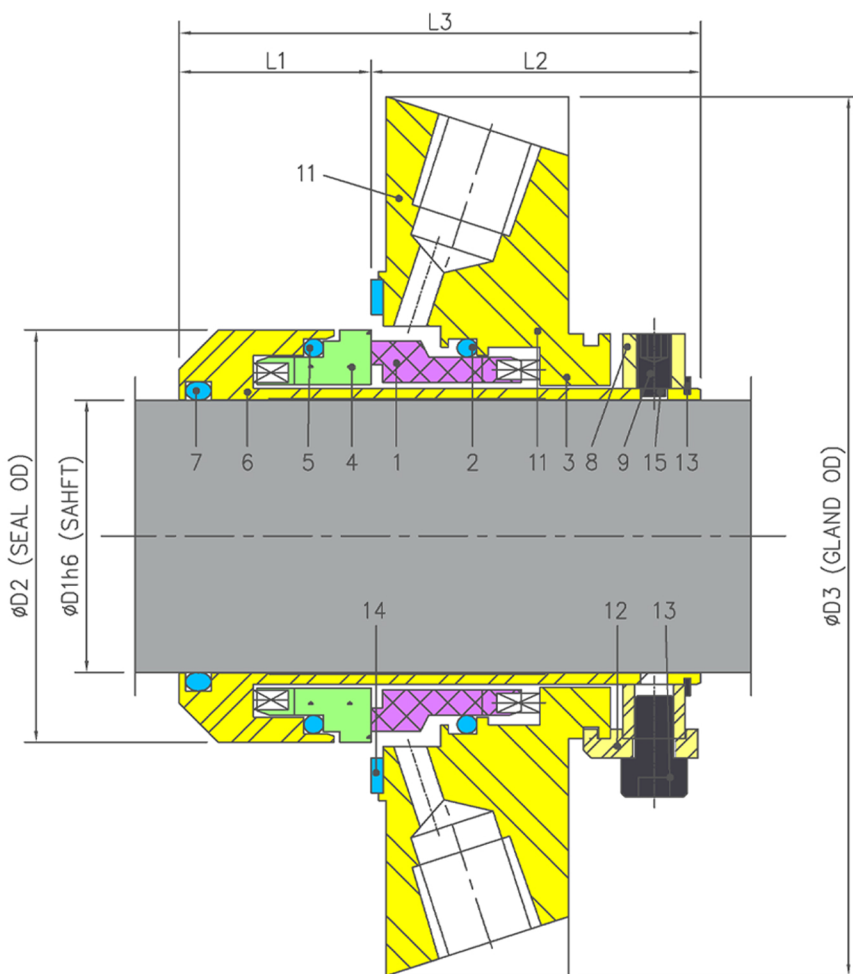


Product Description

1. Single seal configuration
2. Balanced Design
3. Independent of Direction of Rotation.
4. Cartridge Design construction
5. Inside mounted

Technical Features

1. Ideal for use in ANSI process pumps
2. Factory assembled for easy installation
3. Rugged design for long operating life
4. Ideal to convert and retrofit pumps with packings and large OEM production



Industrial Application

ANSI process pumps
 Chemical Industry
 Food and beverage industry
 Petro-chemical Industry
 Pharmaceutical Industry
 Water and waste water technology

Material Of Construction

Seal Face :Carbon Graphite Antimony Impregnated / Carbon Graphite Resin Impregnated / Silicon Carbide / Tungsten-Carbide
Seat: Carbon Graphite Antimony Impregnated / Carbon Graphite Resin Impregnated / Silicon-Carbide/ Tungsten-Carbide
Elastomer: Viton / Aflas/TTV /EPDM/KALREZ
Metal Parts: S.S.316 / Hast'C

Note : Other MOC Combinations On Request

Available Sizes

25mm to 100mm (1.000" to 4.000")

Note : Other Sizes On Request

Operating Limits

Pressure = 25kgs/cm² (Max)
Temperature = -40°C to + 220°C
Speed = 16m/s
Permissible Axial Movement=
 d1 upto 100mm = ±0.5mm
 d1 upto 100mm = ±2.0mm

Item	Description	Item	Description
1	Seal ring IB	9	Circlip
2,5,7	O ring	10	Gland plate
3	Mating ring IB	11	Holding clips
4	Sleeve	13	Socket head screws
6	Drive collar	14	Gasket
8	Set screw	15	Dog point screw

Dimensional Data

D1					SE	SO	QE	SE	SO	QE	SE	SO	QE	
INCH	MM	D2	D3	D4	L1	L1	L1	L2	L2	L2	L3	L3	L3	L4
1.000	025	43.00	105.00	65.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	12.50
1.125	028	46.00	105.00	65.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	12.50
-	030	48.00	105.00	65.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	12.50
1.250	032	49.80	110.00	70.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	12.50
-	033	49.80	110.00	70.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	12.50
1.375	035	53.00	113.00	72.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	12.50
1.500	038	56.00	123.00	75.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	12.50
-	040	58.00	123.00	75.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	14.00
1.625	-	59.44	122.99	75.00	24.61	32.00	32.00	42.39	35.00	47.50	67.06	67.01	79.50	14.00
-	042	60.50	133.00	80.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	14.00
-	043	60.50	133.00	80.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	14.00
1.750	045	62.50	138.00	82.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	14.00
1.875	048	65.60	138.00	82.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	14.00
2.000	050	68.00	148.00	90.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	14.00
2.125	053	72.00	148.00	90.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	18.00
-	055	73.00	148.00	90.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	18.00
2.250	-	75.18	157.00	100.00	24.61	32.00	32.00	42.39	35.00	47.50	67.06	67.01	79.50	18.00
2.375	060	78.00	157.00	100.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	18.00
2.500	-	81.58	162.99	109.00	24.61	32.00	32.00	42.39	35.00	47.50	67.06	67.01	79.50	18.00
-	065	84.80	163.00	109.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	18.00
2.625	-	84.79	162.99	109.00	24.61	32.00	32.00	42.39	35.00	47.50	67.06	67.01	79.50	18.00
2.750	070	93.00	178.00	120.00	24.60	32.00	32.00	42.40	35.00	47.50	67.00	67.00	79.50	18.00
2.875	-	100.00	189.99	126.00	26.59	37.90	37.90	57.40	46.10	60.10	84.00	84.00	98.00	18.00
3.000	075	100.00	190.00	129.00	26.60	37.90	37.90	57.40	46.10	60.10	84.00	84.00	98.00	18.00
3.125	-	106.43	195.00	132.00	26.59	37.90	37.90	57.40	46.10	60.10	84.00	84.00	98.00	18.00
3.250	080	106.40	195.00	135.00	26.60	37.90	37.90	57.40	46.10	60.10	84.00	84.00	98.00	18.00
3.375	085	109.50	198.00	139.00	26.60	37.90	37.90	57.40	46.10	60.10	84.00	84.00	98.00	22.00
3.500	-	112.70	197.99	142.00	26.59	37.90	37.90	57.40	46.10	60.10	84.00	84.00	98.00	22.00
3.625	090	115.90	205.00	145.00	26.60	37.90	37.90	57.40	46.10	60.10	84.00	84.00	98.00	22.00
3.750	095	119.10	208.00	148.00	26.60	37.90	37.90	57.40	46.10	60.10	84.00	84.00	98.00	22.00
4.000	100.00	125.40	218.00	154.00	26.60	37.90	37.90	57.40	46.10	60.10	84.00	84.00	98.00	22.00

Note: Additional technical & dimensional information will be provided on request